U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FORM PTO-1449

### LIST OF PRIOR ART CITED BY APPLICANT

Sheet <u>1</u> of <u>2</u>

59391 U.S. PTO

ATTY. DOCKET: 16955DIVCONCIPCON(AP)	SERIAL NO.: N/A	06/16/97
APPLICANT: Woodward et al	i i	ENTANE HEPTANOIC ACID, 2- LALKYL DERIVATIVES AS 'S
FILING DATE: Submitted herewith	GROUP:	r

#### **U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE (if applicable)
Me	AA	4,171,331	10/1979	Biddlecom et al	·		*
MN	AB	4,994,274	2/1991	Chan et al		1	
120	AD	5,034,413	7/1991	Chan et al	,	1	
In	AE	4,599,353	7/1986	Bito	,		,
Mo	AF	4,055,602	10/1977	Nelson		)	
Mo	AG	4,183,870	1/1980	Caton et al			

#### **FOREIGN PATENT DOCUMENTS**

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (yes/no)
M	AH	92/08465	5/1992	WO	-	$\overline{}$	
Mo	AI	90/02553	3/1990	WO		_	
170	AJ	0 253 094	1/1988	EP			
10	AK	0 453 127	10/1991	EP		_	
/ VE O	AL	2 386 523	11/1978	FR		_	
110	AM	2 312 240	12/1976	FR			
130	AN	27 21 534	12/1977	DE			
/no	AO	0 364 417	1/1989	EP			
Mo	AP	0 102 230	7/1984	EP		_	
Mo	AQ	0 093 380	11/1983	EP	-		
170	AR	2 402 644	3/1979	FR			
Me	AS	68 940	2/1974	LU			

### OTHER PRIOR ART

(Including Author, Title, Date, Pertinent Pages, etc.)

AT Prostaglandins: Vol. 13, No. 5, May 1977, Stoneham, MA, pages 837-843, H.C.
Arndt, "The Synthesis and Biological Activity of Prostaglandins Analogs
Containing Spiroocyclic Rings"

AU Tetrahedron: Vo. 32, 1976, Oxford GB, pages 2747-2752, P. De Clercqet al,
"Cyclopentanones-XV1,. Prostaglandin Synthesis Involving Catalytic
Hydrogenation of 2,3-Dialkyl-4-Hydroxy-2-Cyclopentenones"

EXAMINER DATE CONSIDERED FL 98

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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# LIST OF PRIOR ART CITED BY APPLICANT

ATTY. DOCKET:	SERIAL NO.:
16955DIVCONCIPCON(AP)	N/A
APPLICANT: Woodward et al	NON-ACIDIC CYCLOPENTANE HEPTANOIC ACID, 2- CYCLOALKYL OR ARYLALKYL DERIVATIVES AS THERAPEUTIC AGENTS
FILING DATE:	GROUP:
Submitted herewith	n/a

# **U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE (if applicable)
170	AA	5,352,708	10/4/1994	WOODWARD ET AL	)	1	
140	AB	5,510,383	4/23/1996	BISHOP ET AL			
Mo	AC	5,545,665	8/13/1996	BURK		(	
Tho	AD	5,587,391	12/24/1996	BURK	)	(	
1000	ΑĒ	5,607,978	3/4/97	WOODWARD ET AL	. —		

**FOREIGN PATENT DOCUMENTS** 

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (yes/no)
•	AH						

# OTHER PRIOR ART

(Including Author, Title, Date, Pertinent Pages, etc.)

	AV	Derwent Pub. Lts. London GB AN 71-572225 & JP A, 46 030 830, Ono
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1/20		Pharmaceutical Co.
	AW	Bito, L.Z.,"Prostaglandins and Related Compounds as Potential Ocular
dx.	,	Therapeutic Agents", Biological Protection with Prostaglandins (Cohen, M.M.,
Mo		ed., Boc Raton, FL, CRC Press Inc., 1985, pp. 231-252
۸	AX	Bito, L.Z., "Prostaglandins, Old Concepts and New Perspectives, "Arch Oph.,
M		Vol. 105, August 1987 pg. 1036-1039
Sh2	AY	Starr, M.S., "Further Studies on the Effect of Prostaglandin on Intraocular
1700		Pressure in the Rabbit", Exp. Eye Res., (1971) 170-177
1,	AZ	Nilsson, Siv F.E., et al, "PGF2a Increases Uveoscleral Outflow", ARVO
(1/1)		Abstract, page 284, Invest. Ophthalmol. Vis. Sci. 28 (suppl) (1987)
	A1	Bito, L.Z.,"Prostaglandins, Other Eicosanoids, and Their Derivatives as
<i>  110</i>		Potential Antiglaucoma Agents", Applied Pharmacology in the Medical
"		Treatment of Glaucoma", pages 477-505, 1984.
	A2	
	A3	

EXAMINER DATE CONSIDERED FA

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.